

ALCUDIA® HDPE M5206

High Density Polyethylene
REPSOL

Message:

ALCUDIA® M5206 is a low melt flow rate high density polyethylene with narrow molecular weight distribution. It offers good processing properties for production of monofilaments with very high tensile strength at break.

TYPICAL APPLICATIONS

ALCUDIA® M5206 gives very high tenacity monofilaments designed for top products of technical applications:

Fishing nets
Ropes

Recommended melt temperature range from 210 to 240°C. Processing conditions should be optimised for each production line.

General Information			
Features	High tensile strength		
	Low liquidity		
	Narrow molecular weight distribution		
Uses	monofilament		
	Rope		
	Web		
Processing Method	Filament extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	0.62	g/10 min	ISO 1133
230°C/21.6 kg	18	g/10 min	ISO 1133
Extrusion	Nominal Value	Unit	
Melt Temperature	180 - 240	°C	
Extrusion instructions			

Stretching Ratio: 8 to 12

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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